Department of Defense
Fiscal Year (FY) 2023 Budget Estimates

April 2022

Defense Counterintelligence and Security Agency

Defense-Wide Justification Book Volume 5 of 5

Research, Development, Test & Evaluation, Defense-Wide

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Department of Defense
FY 2023 President's Budget
Exhibit R-1 FY 2023 President's Budget
Total Obligational Authority
(Dollars in Thousands)

05 Apr 2022

Appropriation	FY 2021 (Base + OCO)	FY 2022 Less Supplementals Enactment	FY 2022 Division B Division C P.L.117-43 Enactment*	FY 2022 Division B P.L.117-70 Enactment**	FY 2022 Division A P.L. 117-86 Enactment***	FY 2022 Division N P.L. 117-103 Enactment****
Research, Development, Test & Eval, DW	128,467	160,595				
Total Research, Development, Test & Evaluation	128,467	160,595				

R-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 5, 2022 at 17:07:51
*Includes enacted funding pursuant to the Extending Government Funding and Delivering Emergency Assistance Act (Public Law 117-43).
**Includes enacted funding pursuant to the Further Extending Government Funding Act (Public Law 117-70).
***Includes enacted funding pursuant to the Further Additional Extending Government Funding Act (Public Law 117-86).
****Includes enacted funding pursuant to the Ukraine Supplemental Appropriations Act (Public Law 117-103).

Department of Defense
FY 2023 President's Budget
Exhibit R-1 FY 2023 President's Budget
Total Obligational Authority
(Dollars in Thousands)

05 Apr 2022

Appropriation	FY 2022 Total Supplemental Enactment	FY 2022 Total Enactment	FY 2023 Request
Research, Development, Test & Eval, DW		160,595	170,468
Total Research, Development, Test & Evaluation		160,595	170,468

R-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 5, 2022 at 17:07:51

Department of Defense
FY 2023 President's Budget
Exhibit R-1 FY 2023 President's Budget
Total Obligational Authority   05 Apr 2022
(Dollars in Thousands)

Summary Recap of Budget Activities	FY 2021 (Base + OCO)	FY 2022 Less Supplementals Enactment	FY 2022 Division B Division C P.L.117-43 Enactment*	FY 2022 Division B P.L.117-70 Enactment**	FY 2022 Division A P.L. 117-86 Enactment***	FY 2022 Division N P.L. 117-103 Enactment****
Operational Systems Development	22,794	37,025				
Software And Digital Technology Pilot Programs	105,673	123,570				
Total Research, Development, Test & Evaluation	128,467	160,595				

Summary Recap of FYDP Programs						
Intelligence and Communications	12,700	30,946				
Research and Development	115,354	128,925				
Classified Programs	413	724				
Total Research, Development, Test & Evaluation	128,467	160,595				

Department of Defense
FY 2023 President's Budget
Exhibit R-1 FY 2023 President's Budget
Total Obligational Authority
(Dollars in Thousands)

05 Apr 2022

Summary Recap of Budget Activities	FY 2022 Total Supplemental Enactment	FY 2022 Total Enactment	FY 2023 Request
Operational Systems Development		37,025	23,195
Software And Digital Technology Pilot Programs		123,570	147,273
Total Research, Development, Test & Evaluation		160,595	170,468

Summary Recap of FYDP Programs			
Intelligence and Communications		30,946	36,221
Research and Development		128,925	132,524
Classified Programs		724	1,723
Total Research, Development, Test & Evaluation		160,595	170,468

R-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 5, 2022 at 17:07:51

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                              Defense-Wide
                        FY 2023 President's Budget
                    Exhibit R-1 FY 2023 President's Budget
                        Total Obligational Authority                          05 Apr 2022
                          (Dollars in Thousands)
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| | | | FY 2022 Division B Division C | FY 2022 Division B | FY 2022 Division A | FY 2022 Division N |
Summary Recap of Budget Activities	FY 2021 (Base + OCO)	FY 2022 Less Supplementals Enactment	P.L.117-43 Enactment*	P.L.117-70 Enactment**	P.L. 117-86 Enactment***	P.L. 117-103 Enactment****
Operational Systems Development	22,794	37,025				
Software And Digital Technology Pilot Programs	105,673	123,570				
Total Research, Development, Test & Evaluation	128,467	160,595				

Summary Recap of FYDP Programs

Intelligence and Communications	12,700	30,946				
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Defense-Wide
FY 2023 President's Budget
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Total Obligational Authority
(Dollars in Thousands)

05 Apr 2022

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Defense-Wide
FY 2023 President's Budget
Exhibit R-1 FY 2023 President's Budget
Total Obligational Authority   05 Apr 2022
(Dollars in Thousands)

Appropriation	FY 2021 (Base + OCO)	FY 2022 Less Supplementals Enactment	FY 2022 Division B Division C P.L.117-43 Enactment*	FY 2022 Division B P.L.117-70 Enactment**	FY 2022 Division A P.L. 117-86 Enactment***	FY 2022 Division N P.L. 117-103 Enactment****

Defense Counterintelligence & Security Agency

    Total Research, Development, Test & Evaluation

R-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 5, 2022 at 17:07:51
*Includes enacted funding pursuant to the Extending Government Funding and Delivering Emergency Assistance Act (Public Law 117-43).
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***Includes enacted funding pursuant to the Further Additional Extending Government Funding Act (Public Law 117-86).
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Defense-Wide
FY 2023 President's Budget
Exhibit R-1 FY 2023 President's Budget
Total Obligational Authority
(Dollars in Thousands)

05 Apr 2022

Appropriation	FY 2022 Total Supplemental Enactment	FY 2022 Total Enactment	FY 2023 Request
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Defense Counterintelligence & Security Agency

    Total Research, Development, Test & Evaluation

R-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 5, 2022 at 17:07:51

Defense-Wide
FY 2023 President's Budget
Exhibit R-1 FY 2023 President's Budget
Total Obligational Authority
(Dollars in Thousands)

05 Apr 2022

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2021 (Base + OCO)	FY 2022 Less Supplementals Enactment	FY 2022 Division B Division C P.L.117-43 Enactment*	FY 2022 Division B P.L.117-70 Enactment**	FY 2022 Division A P.L. 117-86 Enactment***	FY 2022 Division N P.L. 117-103 Enactment****	Sec
196	0604130V	Enterprise Security System (ESS)	07	9,681	5,355					U
221	0303430V	Federal Investigative Services Information Technology	07		15,326					U
229	0305128V	Security and Investigative Activities	07	5,700	8,800					U
230	0305133V	Industrial Security Activities	07							U
233	0305146V	Defense Joint Counterintelligence Activities	07	4,000	3,820					U
248	0305327V	Insider Threat	07	3,000	3,000					U
9999	9999999999	Classified Programs		413	724					U
		Operational Systems Development		22,794	37,025					
274	0608197V	National Background Investigation Services - Software Pilot Program	08	105,673	123,570					U
282	0308609V	National Industrial Security Systems (NISS) - Software Pilot Program	08							U
		Software And Digital Technology Pilot Progr		105,673	123,570					
		Total Research, Development, Test & Eval, DW		128,467	160,595					

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*Includes enacted funding pursuant to the Extending Government Funding and Delivering Emergency Assistance Act (Public Law 117-43).
**Includes enacted funding pursuant to the Further Extending Government Funding Act (Public Law 117-70).
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Defense-Wide
FY 2023 President's Budget
Exhibit R-1 FY 2023 President's Budget
Total Obligational Authority
(Dollars in Thousands)

05 Apr 2022

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2022 Total Supplemental Enactment	FY 2022 Total Enactment	FY 2023 Request	Sec
196	0604130V	Enterprise Security System (ESS)	07		5,355		U
221	0303430V	Federal Investigative Services Information Technology	07		15,326	5,197	U
229	0305128V	Security and Investigative Activities	07		8,800	450	U
230	0305133V	Industrial Security Activities	07			1,800	U
233	0305146V	Defense Joint Counterintelligence Activities	07		3,820	4,622	U
248	0305327V	Insider Threat	07		3,000	9,403	U
9999	9999999999	Classified Programs			724	1,723	U
		Operational Systems Development			37,025	23,195	
274	0608197V	National Background Investigation Services - Software Pilot Program	08		123,570	132,524	U
282	0308609V	National Industrial Security Systems (NISS) - Software Pilot Program	08			14,749	U
		Software And Digital Technology Pilot Progr			123,570	147,273	
		Total Research, Development, Test & Eval, DW			160,595	170,468	

R-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 5, 2022 at 17:07:51

Defense Counterintelligence & Security Agency
FY 2023 President's Budget
Exhibit R-1 FY 2023 President's Budget
Total Obligational Authority
(Dollars in Thousands)

05 Apr 2022

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2021 (Base + OCO)	FY 2022 Less Supplementals Enactment	FY 2022 Division B Division C P.L.117-43 Enactment*	FY 2022 Division B P.L.117-70 Enactment**	FY 2022 Division A P.L. 117-86 Enactment***	FY 2022 Division N P.L. 117-103 Enactment****	Sec
196	0604130V	Enterprise Security System (ESS)	07	9,681	5,355					U
221	0303430V	Federal Investigative Services Information Technology	07		15,326					U
229	0305128V	Security and Investigative Activities	07	5,700	8,800					U
230	0305133V	Industrial Security Activities	07							U
233	0305146V	Defense Joint Counterintelligence Activities	07	4,000	3,820					U
248	0305327V	Insider Threat	07	3,000	3,000					U
		Operational Systems Development		22,381	36,301					
274	0608197V	National Background Investigation Services - Software Pilot Program	08	105,673	123,570					U
282	0308609V	National Industrial Security Systems (NISS) - Software Pilot Program	08							U
		Software And Digital Technology Pilot Programs		105,673	123,570					
		Total Defense Counterintelligence & Security Agency		128,054	159,871					

Defense Counterintelligence & Security Agency
FY 2023 President's Budget
Exhibit R-1 FY 2023 President's Budget
Total Obligational Authority
(Dollars in Thousands)

05 Apr 2022

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2022 Total Supplemental Enactment	FY 2022 Total Enactment	FY 2023 Request	Sec
196	0604130V	Enterprise Security System (ESS)	07		5,355		U
221	0303430V	Federal Investigative Services Information Technology	07		15,326	5,197	U
229	0305128V	Security and Investigative Activities	07		8,800	450	U
230	0305133V	Industrial Security Activities	07			1,800	U
233	0305146V	Defense Joint Counterintelligence Activities	07		3,820	4,622	U
248	0305327V	Insider Threat	07		3,000	9,403	U
		Operational Systems Development			36,301	21,472	
274	0608197V	National Background Investigation Services - Software Pilot Program	08		123,570	132,524	U
282	0308609V	National Industrial Security Systems (NISS) - Software Pilot Program	08			14,749	U
		Software And Digital Technology Pilot Programs			123,570	147,273	
		Total Defense Counterintelligence & Security Agency			159,871	168,745	

R-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 5, 2022 at 17:07:51

Program Element Table of Contents (by Budget Activity then Line Item Number)

Appropriation 0400: Research, Development, Test & Evaluation, Defense-Wide

Appropriation 0400: Research, Development, Test & Evaluation, Defense-Wide

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Program Element Table of Contents (Alphabetically by Program Element Title)

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Exhibit R-2, **RDT&E Budget Item Justification:** PB 2023 Defense Counterintelligence and Security Agency											**Date:** April 2022	

Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*						**R-1 Program Element (Number/Name)** PE 0604130V *I Enterprise Security System (ESS)*						

COST ($ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	142.248	9.681	5.355	0.000	-	0.000	0.000	0.000	-	-	-	-
000: *Enterprise Security System (ESS)*	142.248	9.681	5.355	0.000	-	0.000	0.000	0.000	-	-	-	-

A. Mission Description and Budget Item Justification

The Defense Counterintelligence Security Agency (DCSA) is a strategic asset to the nation and our allies - continuously ensuring a trusted federal, industrial, and affiliated workforce, and enabling industry's delivery of uncompromised capabilities by leveraging advanced technologies and innovation. DCSA uniquely blends critical technology protection, trusted personnel vetting, counterintelligence, and professional education and certification to advance and preserve America's strategic edge.

National Industrial Security System (NISS) development effort consist of continued enhancements in response to user community requirements. These requirements include enhancements to Key Management Personnel (KMP) monitoring, NATO Control Point Inspection Triage Outreach Program, NISP Oversight Report, Outgoing Foreign Visits and enables Industry to initiate Facility Profile updates. A separate, parallel development effort will facilitate a SIPR NISS baseline to allow alternative Single Sign-On (SSO) capability to National Industrial Security Program (NISP) Central Access Information Security System (NCAISS), as well as Cross Domain Solution (CDS) for movement of NIPR-based data to SIPR for subsequent reporting and data aggregation. Development activities will include interface work between NISS and the Defense Information System for Security (DISS), NISP Contracts Classification System (NCCS) and Enterprise Mission Assurance Support Service (eMASS) systems as well as initial planning for refactoring of NISS functionality into National Background Investigative Services (NBIS).

DCSA will acquire, develop, and deploy digital automation and continuous vetting capabilities (i.e. data integration, link analysis, anomaly detection, artificial intelligence, business processing, advanced analytics) to comply with Public Law 116-92 Sec 845 & 847. These capabilities will also identify and evaluate supply chain risks; identify and evaluate Foreign Ownership Control or Influence (FOCI) risks; and implement an entity vetting capability. Starting in FY2023 the funding for Enterprise Security Service transfers to PE 0308609V National Industrial Security System (NISS) Software Pilot Program.

Exhibit R-2, **RDT&E Budget Item Justification:** PB 2023 Defense Counterintelligence and Security Agency				**Date:** April 2022	
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*			**R-1 Program Element (Number/Name)** PE 0604130V *I Enterprise Security System (ESS)*		
B. Program Change Summary ($ in Millions)	**FY 2021**	**FY 2022**	**FY 2023 Base**	**FY 2023 OCO**	**FY 2023 Total**
Previous President's Budget	9.681	5.355	0.000	-	0.000
Current President's Budget	9.681	5.355	0.000	-	0.000
Total Adjustments	0.000	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	0.000	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Year	-	-	0.000	-	0.000

Exhibit R-2A, **RDT&E Project Justification:** PB 2023 Defense Counterintelligence and Security Agency											**Date:** April 2022	
Appropriation/Budget Activity 0400 *I* 7					**R-1 Program Element (Number/Name)** PE 0604130V *I Enterprise Security System (ESS)*					**Project (Number/Name)** 000 *I Enterprise Security System (ESS)*		
COST ($ in Millions)	**Prior Years**	**FY 2021**	**FY 2022**	**FY 2023 Base**	**FY 2023 OCO**	**FY 2023 Total**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	**Cost To Complete**	**Total Cost**
000: *Enterprise Security System (ESS)*	142.248	9.681	5.355	0.000	-	0.000	0.000	0.000	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Defense Counterintelligence Security Agency (DCSA) manages the Enterprise Security System (ESS) to provide effective, real time, security support capabilities for Military Departments, DoD Agencies, the NISP, and other Federal Agencies. In compliance with the Expanded Electronic Government, President's Management Agenda, and the DoD Enterprise Architecture Framework, Enterprise Security System (ESS) is the unified offering of security mission systems to facilitate and automate improved national investigative standards, streamline security processes, and increase DoD community collaboration.

DCSA Mission Information Technology (IT) systems provide critical service to the major DCSA mission areas for Industrial Security Oversight and Security Education. DCSA performs this function through the operation of its mission production systems to include the National Industrial Security System (NISS) and the DCSA Gateway. RDT&E for DCSA mission systems primarily include pre planned product enhancements and improvements to the applications, research and improvements to assure information sharing to better posture systems and networks against vulnerabilities, ensure self-defense of systems and networks, and safeguarding data at all stages to increase efficiencies through web based systems to manage certification and accreditation activities. These IT systems are as follows:

NISS (formerly known as Field Operations System (FOS). NISS is the next generation functional replacement for the Industrial Security Facility Database system (ISFD) and supports end to end facility identification and registration processing, Foreign Ownership Control or Influence (FOCI) mitigation, and supports Personnel Vetting business processes. NISS provides a centralized web based platform for National Industrial Security Program (NISP) personnel to manage the industrial security facility clearance process; from request initiation to approval (or rejection) storage of all associated data, and provides a centralized process for users to submit, update, search, and view facility verification requests.

National Contract Classification System (NCCS). NCCS is a web based system that automates the DD Form 254 for contract security classification specification submission; provides submitter with intuitive form of instructions, drop down selections, and linkage to relevant contract information for completing the form; and provides user access control, query/search, notification, tracking, and reporting capabilities for accountability of all contract security classification specifications. The Federal Acquisition Regulation (FAR) requires a DD Form 254 for each classified contract, and the National Industrial Security Operating Manual (NISPOM)(4 103a) requires a DD 254 be issued by the government with each Invitation for Bid, Request for Proposal, or Request for Quote. The DD Form 254 provides a contractor (or a subcontractor) the security requirements and classification guidance necessary to perform on a classified contract. The purpose of the Contract Security Classification Specification required by DoD 5220.22 4, Industrial Security Regulation and the National Industrial Security Program Operating Manual (NISPOM) is to develop a federated system for the oversight and management of classified information access and guidance to perform on classified contracts. The DD 254, an underlying business process, is critical to ensure access to our Nation's classified information is safeguarded.

PE 0604130V: *Enterprise Security System (ESS)*
Defense Counterintelligence and Security Agency

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Exhibit R-2A, **RDT&E Project Justification:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0604130V *I Enterprise Security System (ESS)*	**Project (Number/Name)** 000 *I Enterprise Security System (ESS)*

NISP Central Access and Information Security System (NCAISS) a web based Identity Management (IdM) enterprise portal, PKI compliant point of entry to the suite of services offered by DCSA, which controls user service accessibility through single sign on authentication. User service level permissions are verified, and authorized services are offered accordingly. National Control Access and Information Security System (NCAISS) formerly known as Identity Management (IdM). NCAISS is mandatory for compliance with Department of Defense (DoD) Public Key Infrastructure (PKI) Program Management Office and Office of the DoD Chief Information Officer, Joint Task Force for Global Networks Operations (JTF GNO) Communications Tasking Order (CTO) 06 02, CTO 07 015, and Office of Management and Budget (OMB) Memo 11 11 (M 11 11), which directed accelerated use of PKI access across the enterprise. This initiative is designed to enable multiple DCSA business systems to have service accessibility that is controlled through PKI compliant single sign on authentication. Potential expanded use of the NCAISS across the DCSA enterprise to provide CAC based authentication for business support applications on the SIPRNet and JWICS domains, provide enhanced identity and access control analytics. It incorporates any remaining DCSA operated application into the DCSA NCAISS solution.

DCSA established a Controlled Unclassified Information (CUI) program for industry that requires development and implementation of tools that support integration with cybersecurity monitoring, threat indications and warning, and supply chain illumination to protect critical technology. The development of a Security Rating Score (SRS) and its integration with the Contract Performance Assessment System will inform defense acquisition decisions and prioritize DCSA Industrial Security with active monitoring of companies in a single system of record. Funding will purchase data licenses for supply chain illumination tools that can be integrated into CUI cybersecurity assessments and will include business process tools to integrate data and manage DCSA business unit inputs from industrial and personnel security inputs. Funds will also support use of Artificial Intelligence / Machine Learning to accelerate and enhance cyber I&W via predictive analytics.

DCSA must invest further in modernization of NISS information technology to meet the mission needs of today and tomorrow. The attention on supply chain risk management and ensuring our trusted partners deliver uncompromised technology demands expanded oversight of the ~12,500 facilities in the cleared industry base. In recent years, DCSA has only performed a fraction of the ~9,500 security reviews of contractors required annually. Under Public Law 116-92, Section 847 requirements, foreign nexus assessments DCSA performs on behalf of the entire Department have increased by several orders of magnitude. Additional mission sets such as CUI Oversight and SCIF Accreditation also require improved technical capabilities to effectively manage, assess, and integrate across the Department.

DCSA will acquire, develop, and deploy digital automation and continuous vetting capabilities (i.e. data integration, link analysis, anomaly detection, artificial intelligence, business processing, advanced analytics) to comply with Public Law 116-92 Sec 845 & 847. These capabilities will also identify and evaluate supply chain risks; identify and evaluate Foreign Ownership Control or Influence (FOCI) risks; and implement an entity vetting capability.

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2021**	**FY 2022**	**FY 2023**
Title: Systems Enhancement	9.681	5.355	0.000
Description: 1. Deployed NISS Increment 2.5. Initiated development of NISS Increment 3. Increment 3 will include enhancements to KMP monitoring, NATO CPI, Triage Outreach Program, NISP Oversight Report, and Outgoing Foreign Visits. Completed Independent Verification and Validation (IV&V) and Government Acceptance Testing (GAT) of Increment 2.5. 2. NCCS. Continue scheduled enhancements through version releases and sustainment. Agile development approach will continue with two release cycles per year. Address any findings/bugs/issues encountered from Independent Verification and Validation (IV&V) and Government Acceptance Testing (GAT).			

PE 0604130V: *Enterprise Security System (ESS)*
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Exhibit R-2A, **RDT&E Project Justification:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0604130V *I Enterprise Security System (ESS)*	**Project (Number/Name)** 000 *I Enterprise Security System (ESS)*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2021**	**FY 2022**	**FY 2023**
3.NCAISS. Continue integration and software upgrades with RDT&E funds ***FY 2022 Plans:*** Field both MilCloud and alternative cloud instances for National Background Investigative Services (NBIS) refactoring related activities. Deploy hardware and software required for the SIPR NISS instance, supporting NISS interfaces with DISS, NCCS and eMASS. Development efforts will enhance Key Management Personnel (KMP) monitoring, NATO CPI, Triage Outreach Program, NISP Oversight Report, and Outgoing Foreign Visits). ***FY 2023 Plans:*** Continued development efforts realigned to PE 0308609V ***FY 2022 to FY 2023 Increase/Decrease Statement:*** The decrease from FY2022 is due to realignment of funding to PE 0308609V in support of the National Industrial Security System (NISS) Software Pilot Program.			
Accomplishments/Planned Programs Subtotals	9.681	5.355	0.000

C. Other Program Funding Summary ($ in Millions)
 N/A
Remarks

D. Acquisition Strategy
 N/A

PE 0604130V: *Enterprise Security System (ESS)*
Defense Counterintelligence and Security Agency

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Exhibit R-3, **RDT&E Project Cost Analysis:** PB 2023 Defense Counterintelligence and Security Agency												**Date:** April 2022		
Appropriation/Budget Activity 0400 I 7						**R-1 Program Element (Number/Name)** PE 0604130V I *Enterprise Security System (ESS)*						**Project (Number/Name)** 000 I *Enterprise Security System (ESS)*		

Product Development ($ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total			
Cost Category Item	**Contract Method & Type**	**Performing Activity & Location**	**Prior Years**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
NISS Development	C/TBD	TBD : TBD	130.556	5.087		4.615		-		-		-	-	-	-
NISS Development/ MilCloud	MIPR	DISA : Pensacola, FL	1.600	0.000		0.500		-		-		-	-	-	-
NCAISS Development	Option/ BPA	Deloitt : Arlington VA	3.740	0.000		-		-		-		-	-	-	-
NCCS Development	MIPR	DLA : Philadelphia, PA	4.512	0.000	Oct 2020	-		-		-		-	-	-	-
SBIR/STTR	MIPR	AT&L : Arlington, VA	1.840	-		0.240	May 2022	-		-		-	-	-	-
DISS Development	TBD	TBD : TBD	-	4.594		-		-		-		-	-	-	-
CTP IT Modernization	TBD	TBD : TBD	-	0.000		-		-		-		-	-	-	-
		Subtotal	142.248	9.681		5.355		-		-		-	-	-	N/A

		Prior Years	FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
	Project Cost Totals	142.248	9.681		5.355		-		-		-	-	-	N/A

Remarks

Exhibit R-4, **RDT&E Schedule Profile:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0604130V *I Enterprise Security System (ESS)*	**Project (Number/Name)** 000 *I Enterprise Security System (ESS)*

	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Enterprise Security System																												
Production and Deployment of Appllications																	███	███	███	███	███	███	███	███	███	███	███	███

	FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Enterprise Security System																												
Production and Deployment of Appllications	███	███	███	███	███	███	███	███	███	███																		

PE 0604130V: *Enterprise Security System (ESS)*
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Exhibit R-4A, **RDT&E Schedule Details:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0604130V *I Enterprise Security System (ESS)*	**Project (Number/Name)** 000 *I Enterprise Security System (ESS)*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Enterprise Security System				
Production and Deployment of Appllications	1	2017	3	2023

PE 0604130V: *Enterprise Security System (ESS)*
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Exhibit R-2, **RDT&E Budget Item Justification:** PB 2023 Defense Counterintelligence and Security Agency										**Date:** April 2022	

Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*					**R-1 Program Element (Number/Name)** PE 0303430V *I Federal Investigative Services Information Technology*						

COST ($ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	0.000	0.000	15.326	5.197	0.000	5.197	0.000	0.000	0.000	0.000	Continuing	Continuing
000: *Defense Information System for Security (DISS)*	0.000	0.000	15.326	5.197	0.000	5.197	0.000	0.000	0.000	0.000	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Defense Counterintelligence Security Agency (DCSA) is a strategic asset to the nation and our allies - continuously ensuring a trusted federal, industrial, and affiliated workforce, and enabling industry's delivery of uncompromised capabilities by leveraging advanced technologies and innovation. DCSA uniquely blends critical technology protection, trusted personnel vetting, counterintelligence, and professional education and certification to advance and preserve America's strategic edge.

The Defense Information System for Security (DISS) consolidates the DoD personnel security mission into an enterprise adjudicative case management system that will automate and improve national investigative and adjudicative standards to eliminate costly and inefficient work processes and increase information collaboration across the community. DISS provides comprehensive capabilities to perform processing and verification of security clearances for all DoD military personnel, civilians and contractors including the technology and processes to implement Continuous Evaluation.

B. Program Change Summary ($ in Millions)

	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	15.326	5.197	-	5.197
Total Adjustments	0.000	15.326	5.197	-	5.197
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Element Realignment	-	15.326	0.000	-	0.000
• Adjustment to Budget	-	-	5.197	-	5.197

Change Summary Explanation

FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding. The decrease in funding from FY2022 to FY2023 is the realignment of CE funding to PE 0608197V National Background Investigative Services (NBIS) Software Pilot Program.

Exhibit R-2A, RDT&E Project Justification: PB 2023 Defense Counterintelligence and Security Agency											Date: April 2022	
Appropriation/Budget Activity 0400 I 7				**R-1 Program Element (Number/Name)** PE 0303430V I Federal Investigative Servic es Information Technology					**Project (Number/Name)** 000 I Defense Information System for Security (DISS)			
COST ($ in Millions)	**Prior Years**	**FY 2021**	**FY 2022**	**FY 2023 Base**	**FY 2023 OCO**	**FY 2023 Total**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	**Cost To Complete**	**Total Cost**
000: *Defense Information System for Security (DISS)*	0.000	0.000	15.326	5.197	0.000	5.197	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Defense Counterintelligence Security Agency (DCSA) is a strategic asset to the nation and our allies - continuously ensuring a trusted federal, industrial, and affiliated workforce, and enabling industry's delivery of uncompromised capabilities by leveraging advanced technologies and innovation. DCSA uniquely blends critical technology protection, trusted personnel vetting, counterintelligence, and professional education and certification to advance and preserve America's strategic edge.

The Defense Information System for Security (DISS) transferred to DCSA from DHRA/ DMDC in FY2021. The DISS consolidates the DoD personnel security mission into an enterprise adjudicative case management system that will automate and improve national investigative and adjudicative standards to eliminate costly and inefficient work processes and increase information collaboration across the community. DISS provides comprehensive capabilities to perform processing and verification of security clearances for all DoD military personnel, civilians and contractors including the technology and processes to implement Continuous Evaluation.

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2021**	**FY 2022**	**FY 2023**
Title: Defense Information System for Security (DISS)/ Continuous Evaluations Data Feeds *Description:* The Defense Information System for Security (DISS) consolidates the DoD personnel security mission into an enterprise adjudicative case management system that will automate and improve national investigative and adjudicative standards to eliminate costly and inefficient work processes and increase information collaboration across the community to provide comprehensive capabilities to perform processing and verification of security clearances for all DoD military personnel, civilians, and contractors including the technology and processes that need to be addressed in order to implement Continuous Evaluation. *FY 2022 Plans:* DCSA will move to a limited operational environment to allow the transition of the JPAS customers and data to DISS to support the sunset of JPAS and provide continuing enhancements required by the DoD, Federal, and industrial customer base. Expands and modifies systems to enhance vetting with access to multi domain data sources. Data feeds are required to comply with policy from the Office of the Director of National Intelligence for reciprocity. *FY 2023 Plans:* DCSA is operating DISS in support of the Department's enterprise adjudicative case management system. RDT&E Funds provide continuing improvement and integration of work processes and information collaboration. Expands and modifies systems to enhance vetting with access to multi domain data sources. *FY 2022 to FY 2023 Increase/Decrease Statement:*	-	15.326	5.197

PE 0303430V: *Federal Investigative Services Informati...*
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Exhibit R-2A, **RDT&E Project Justification:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0303430V *I Federal Investigative Services Information Technology*	**Project (Number/Name)** 000 *I Defense Information System for Security (DISS)*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2021**	**FY 2022**	**FY 2023**
The decrease from FY2022 reflects the realignment of funds to PE 0608197V, NBIS Software Pilot Program.			
Accomplishments/Planned Programs Subtotals	-	15.326	5.197

C. Other Program Funding Summary ($ in Millions)
 N/A

Remarks

D. Acquisition Strategy

 The DCSA acquisition strategy would use a variety of vehicles such as Blanket Purchase Agreements (BPA), and multiple or single award contracts for the development of new applications, enhancement of other applications, and perform system integration with COTS and GOTS solutions and technology. These efforts will reduce the contract award process lead time and contract overhead, improve technical solutions, deployments, and deliver more effective and efficient automation projects for DCSA.

PE 0303430V: *Federal Investigative Services Informati...*
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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Defense Counterintelligence and Security Agency														Date: April 2022	
Appropriation/Budget Activity 0400 I 7							**R-1 Program Element (Number/Name)** PE 0303430V I Federal Investigative Services Information Technology						**Project (Number/Name)** 000 I Defense Information System for Security (DISS)		

Product Development ($ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total				
Cost Category Item	**Contract Method & Type**	**Performing Activity & Location**	**Prior Years**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
Defense Information System for Security (DISS)	Option/ TBD	TBD : TBD	-	-		4.426		5.197		-		5.197	Continuing	Continuing	-
CE Data Feeds	TBD	TBD : TBD	-	-		10.900		-		-		-	Continuing	Continuing	-
Subtotal			-	-		15.326		5.197		-		5.197	Continuing	Continuing	N/A

	Prior Years	**FY 2021**	**FY 2022**	**FY 2023 Base**	**FY 2023 OCO**	**FY 2023 Total**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
Project Cost Totals	-	-	15.326	5.197	-	5.197	Continuing	Continuing	N/A

Remarks

PE 0303430V: *Federal Investigative Services Informati...*
Defense Counterintelligence and Security Agency

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Exhibit R-4, **RDT&E Schedule Profile:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0303430V *I Federal Investigative Services Information Technology*	**Project (Number/Name)** 000 *I Defense Information System for Security (DISS)*

	FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Defense Information System for Security (DISS)																												
Defense Information System for Security (DISS)								███	███	███	███	███	███															
CE DATA FEEDS																												
CE DATA FEEDS								█																				

PE 0303430V: *Federal Investigative Services Informati...*
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Exhibit R-4A, **RDT&E Schedule Details:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0303430V *I Federal Investigative Services Information Technology*	**Project (Number/Name)** 000 *I Defense Information System for Security (DISS)*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Defense Information System for Security (DISS)				
Defense Information System for Security (DISS)	4	2022	3	2024
CE DATA FEEDS				
CE DATA FEEDS	4	2022	4	2022

Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Defense Counterintelligence and Security Agency											Date: April 2022	
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*						**R-1 Program Element (Number/Name)** PE 0305128V *I Security and Investigative Activities*						

COST ($ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	2.400	5.700	8.800	0.450	-	0.450	0.000	0.000	0.000	0.000	Continuing	Continuing
000: *Social Media*	2.400	5.700	8.800	0.450	-	0.450	0.000	0.000	0.000	0.000	Continuing	Continuing

A. Mission Description and Budget Item Justification

Starting in FY 2022, the Vetting Risk Operations (VRO) develops and implements a scalable capability to include Publicly Available Electronic Information (PAEI), including social media, into background investigations in accordance with Security Executive Agent Directive 5 (SEAD 5) and aligned to the Trusted Workforce 2.0 personnel vetting reform initiative. VRO access to PAEI also fulfills the Secretary's requirements to improve the vetting of International Military Students who intend to or are currently receiving training within the continental U.S. The investment develops collection, analysis, and reporting tools for PAEI, including as social media, in support of national security eligibility determinations. DoD studies have identified PAEI as a unique data source to identify key behaviors that are potentially derogatory under the Allegiance, Foreign Influence, Foreign Preference, and Personal Conduct guidelines of the National Security Adjudication Guidelines. Data received from PAEI is often not found anywhere else in the course of the personnel vetting cycle. To utilize PAEI within the Department, on a national security population of ~3.6 million individuals, the Department is developing a scalable, cost effective, and automated capability. A PAEI investment will deliver a capability flexible to changing cultural conditions, policy requirements, and emerging threats, while simultaneously able to constantly monitor millions of people on hundreds of social media platforms with billions of individual data points, aggregate and curate that data, identify potential risk, and seamlessly provide notification in a digestible analytical product to a human for risk mitigation.

B. Program Change Summary ($ in Millions)

	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Previous President's Budget	5.700	8.800	0.000	-	0.000
Current President's Budget	5.700	8.800	0.450	-	0.450
Total Adjustments	0.000	0.000	0.450	-	0.450
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustment to Budget Year	-	-	0.450	-	0.450

Change Summary Explanation

FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include Out-year funding.

Exhibit R-2A, RDT&E Project Justification: PB 2023 Defense Counterintelligence and Security Agency										Date: April 2022	

Appropriation/Budget Activity 0400 / 7				R-1 Program Element (Number/Name) PE 0305128V / *Security and Investigative A ctivities*				Project (Number/Name) 000 / *Social Media*			

COST ($ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
000: *Social Media*	2.400	5.700	8.800	0.450	-	0.450	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Starting in FY 2022, the Vetting Risk Operations (VRO) will develop and implements a scalable capability to include Publicly Available Electronic Information (PAEI), including social media, into background investigations in accordance with Security Executive Agent Directive 5 (SEAD 5) and aligned to the Trusted Workforce 2.0 personnel vetting reform initiative. VRO access to PAEI also fulfills the Secretary's requirements to improve the vetting of International Military Students who intend to or are currently receiving training within the continental U.S. The investment develops collecting, collating and assessment tools for PAEI, including social media, in support of national security eligibility determinations. DoD studies have identified PAEI as a unique data source to identify key behaviors that are potentially derogatory under the Allegiance, Foreign Influence, Foreign Preference, and Personal Conduct guidelines of the National Security Adjudication Guidelines. Data received from PAEI is often not found anywhere else in the course of the personnel vetting cycle. To utilize PAEI within the Department, on a national security population of ~3.6 million individuals, the Department is developing a scalable, cost effective, and automated capability. A PAEI investment will deliver a capability flexible to policy requirements, and emerging threats, while simultaneously able to constantly monitor millions of people on hundreds of social media platforms with billions of individual data points, aggregate and curate that data, identify potential risk, and seamlessly provide notification in a digestible analytical product to a human for risk mitigation.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2021	FY 2022	FY 2023
Title: Social Media	5.700	8.800	0.450
Description: Starting in FY 2022, the Vetting Risk Operations (VRO) develops and implements a scalable capability to include Publicly Available Electronic Information (PAEI), including social media, into background investigations in accordance with Security Executive Agent Directive 5 (SEAD-5) and aligned to the Trusted Workforce 2.0 personnel vetting reform initiative. VRO access to PAEI also fulfills the Secretary's requirements to improve the vetting of International Military Students who intend to or are currently receiving training within the continental U.S. The investment develops collection, analysis, and reporting tools for PAEI, including as social media, in support of national security eligibility determinations. DoD studies have identified PAEI as a unique data source to identify key behaviors that are potentially derogatory under the Allegiance, Foreign Influence, Foreign Preference, and Personal Conduct guidelines of the National Security Adjudication Guidelines. Data received from PAEI is often not found anywhere else in the course of the personnel vetting cycle. To utilize PAEI within the Department, on a national security population of ~3.6 million individuals, the Department is developing a scalable, cost-effective, and automated capability. A PAEI investment will deliver a capability flexible to changing cultural conditions, policy requirements, and emerging threats, while simultaneously able to constantly monitor millions of people on hundreds of social media platforms with billions of individual data points, aggregate and curate that data, identify potential risk, and seamlessly provide notification in a digestible analytical product to a human for risk mitigation.			

Exhibit R-2A, **RDT&E Project Justification:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 **/** 7	**R-1 Program Element (Number/Name)** PE 0305128V **/** *Security and Investigative Activities*	**Project (Number/Name)** 000 **/** *Social Media*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2021**	**FY 2022**	**FY 2023**
FY 2022 Plans: $8.8 million of FY2022 RDT&E provide the initial research and development funding to establish a scalable and cost-effective social media screening capabilities. Those capabilities should enhance current vetting processes, and identify potentially disqualifying information under the National security adjudication guidelines such as Criminal Conduct, Foreign Preference, and Allegiance. That would include activities associated with terrorism and domestic extremism.			
FY 2023 Plans: Develops the PAEI baseline system			
FY 2022 to FY 2023 Increase/Decrease Statement: Funding is to sustain the development of the PAEI baseline system			
Accomplishments/Planned Programs Subtotals	5.700	8.800	0.450

C. Other Program Funding Summary ($ in Millions)

 N/A

Remarks

D. Acquisition Strategy

 N/A

PE 0305128V: *Security and Investigative Activities*
Defense Counterintelligence and Security Agency

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| **Exhibit R-3**, RDT&E Project Cost Analysis: PB 2023 Defense Counterintelligence and Security Agency | | | | | | | | | | | | | **Date:** April 2022 | | |

| **Appropriation/Budget Activity** 0400 / 7 | **R-1 Program Element (Number/Name)** PE 0305128V / *Security and Investigative Activities* | **Project (Number/Name)** 000 / *Social Media* |

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Risk Rating Tool - GOTS Model Development	MIPR	Army Analytics Group : Monterey, California	2.200	5.500	Sep 2020	-		-		-		-	Continuing	Continuing	-
Risk Rating Tool - COTS Model Development	MIPR	Army Analytics Group : Monterey, California	0.200	0.200	Aug 2020	-		-		-		-	Continuing	Continuing	-
Social Media	C/FFP	TBD : TBD	-	-		8.800		0.450		-		0.450	Continuing	Continuing	-
Subtotal			2.400	5.700		8.800		0.450		-		0.450	Continuing	Continuing	N/A

	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	2.400	5.700	8.800	0.450	-	0.450	Continuing	Continuing	N/A

Remarks

PE 0305128V: *Security and Investigative Activities*
Defense Counterintelligence and Security Agency

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Exhibit R-4, **RDT&E Schedule Profile:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0305128V *I Security and Investigative Activities*	**Project (Number/Name)** 000 *I Social Media*

	FY 2014				**FY 2015**				**FY 2016**				**FY 2017**				**FY 2018**				**FY 2019**				**FY 2020**			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Risk Rating Tool																												
Production and Deployment																												█████
Social Media																												
Production and Deployment																												

	FY 2021				**FY 2022**				**FY 2023**				**FY 2024**				**FY 2025**				**FY 2026**				**FY 2027**			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Risk Rating Tool																												
Production and Deployment	███	███																										
Social Media																												
Production and Deployment					███	███	███																					

Exhibit R-4A, **RDT&E Schedule Details:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 **/** 7	**R-1 Program Element (Number/Name)** PE 0305128V **/** *Security and Investigative Activities*	**Project (Number/Name)** 000 **/** *Social Media*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Risk Rating Tool				
Production and Deployment	3	2020	4	2021
Social Media				
Production and Deployment	2	2022	3	2023

Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Defense Counterintelligence and Security Agency											Date: April 2022	

Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development					PE 0305133V I Industrial Security Activities							

COST ($ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	-	0.000	0.000	1.800	-	1.800	2.134	2.142	2.122	2.178	Continuing	Continuing
0000: Industrial Security Activities	-	0.000	0.000	1.800	-	1.800	2.134	2.142	2.122	2.178	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Critical Technology Protection Integration Cell (CTPIC) is a whole-of-government engagement effort to deter, detect, and disrupt the unauthorized technology transfer activities of our adversaries. CTPIC serves as the DoD focal point for assessments, coordination, integration, and operational information sharing related to critical technology protection across all phases of research, development, and sustainment. This funding is needed for data access and analysis tools that support prioritization of limited resources and direct focused engagements addressing targeted threat information and mitigation actions.

Applied Research Laboratory for Intelligence and Security (ARLIS) program management office oversees the University Affiliated Research Center (UARC) to provide strategic research and development to solve intelligence and security problems. ARLIS overlays human behavior and social science and culture and language expertise with expertise, research, and development in emerging and advanced technologies to solve increasingly technical, but human-centered intelligence and security challenges. RDT&E funding will be used for strategic research efforts that broadly benefit the Defense Security Enterprise (DSE) and develop capability and capacity at ARLIS that work sponsors can build on.

B. Program Change Summary ($ in Millions)

	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	1.800	-	1.800
Total Adjustments	0.000	0.000	1.800	-	1.800
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustment to Budget	-	-	1.800	-	1.800

PE 0305133V: Industrial Security Activities
Defense Counterintelligence and Security Agency

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Defense Counterintelligence and Security Agency											Date: April 2022	

Appropriation/Budget Activity 0400 *I* 7				R-1 Program Element (Number/Name) PE 0305133V *I Industrial Security Activities*					Project (Number/Name) 0000 *I Industrial Security Activities*			

COST ($ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
0000: *Industrial Security Activities*	-	0.000	0.000	1.800	-	1.800	2.134	2.142	2.122	2.178	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

CTPIC is a whole-of-government engagement effort to deter, detect, and disrupt the unauthorized technology transfer activities of our adversaries. CTPIC serves as the DoD focal point for assessments, coordination, integration, and operational information sharing related to critical technology protection across all phases of research, development, and sustainment. This funding is needed for data access and analysis tools that support prioritization of limited resources and direct focused engagements addressing targeted threat information and mitigation actions.

ARLIS program management office oversees the sponsored University Affiliated Research Center (UARC) to provide strategic research and development to solve intelligence and security problems. ARLIS overlays human behavior and social science and culture and language expertise with expertise, research, and development in emerging and advanced technologies to solve increasingly technical, but human-centered intelligence and security challenges. RDT&E funding will be used for strategic research efforts that broadly benefit the Defense Security Enterprise (DSE) and develop capability and capacity at ARLIS that work sponsors can build on.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2021	FY 2022	FY 2023
Title: CTPIC *Description:* CTPIC - This funding is intended to pay for maintenance and operational development of the CLEAR PROSPECT tool to enable targeted academic engagement and research protection activities, but may be applied to other similar tools based on prioritization of technology protection efforts across the Department. This funding will allow the CTPIC to develop from a strategic integrator to a proactively engaged organization that brings targeted tools and capabilities to the critical technology protection community and actively drives engagement with industry and academia. *FY 2023 Plans:* CTPIC - Maintain access to critical data sources and continue to develop existing tools to better deliver targeted threat information that informs research protection engagements in a usable format for applicable stakeholders. Funding in FY23 is to enable the centralization of critical technology protection information and analysis activities in support of the whole-of-government effort to protect critical technologies. *FY 2022 to FY 2023 Increase/Decrease Statement:* Funding supports the Industrial Security Activities.	0.000	-	0.700
Title: ARLIS	0.000	-	1.100

PE 0305133V: *Industrial Security Activities*
Defense Counterintelligence and Security Agency

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Exhibit R-2A, **RDT&E Project Justification:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0305133V *I Industrial Security Activities*	**Project (Number/Name)** 0000 *I Industrial Security Activities*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2021**	**FY 2022**	**FY 2023**
Description: ARLIS - This funding will enable development capability and capacity at ARLIS that work sponsors across the DSE can build on optimizing of our research and innovation efforts. An example of this is a project ARLIS is currently leading to produce a playbook solution for cleared defense contractors to leverage classified cloud services, which provides substantially increased security and monitoring capabilities for contractor classified systems, as well as access to collaboration and productivity tools that can significantly increase efficiency and innovation for cleared defense contractors working on critical classified projects for the Department. *FY 2023 Plans:* Develop core research projects supportive of the DSE Strategy *FY 2022 to FY 2023 Increase/Decrease Statement:* Funding supports the Industrial Security Activities.			
Accomplishments/Planned Programs Subtotals	0.000	-	1.800

C. Other Program Funding Summary ($ in Millions)
 N/A

Remarks

D. Acquisition Strategy
 N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Defense Counterintelligence and Security Agency															Date: April 2022

| Appropriation/Budget Activity
0400 / 7 | | R-1 Program Element (Number/Name)
PE 0305133V / Industrial Security Activities | | Project (Number/Name)
0000 / Industrial Security Activities |

Product Development ($ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CTPIC	TBD	TBD : TBD	-	-		-		0.700		-		0.700	Continuing	Continuing	-
ARLIS	TBD	TBD : TBD	-	-		-		1.100		-		1.100	Continuing	Continuing	-
Subtotal			-	-		-		1.800		-		1.800	Continuing	Continuing	N/A

	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	-	-	1.800	-	1.800	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2023 Defense Counterintelligence and Security Agency		Date: April 2022
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0305133V / *Industrial Security Activities*	**Project (Number/Name)** 0000 / *Industrial Security Activities*

	FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
CTPIC																												
ARLIS																												

PE 0305133V: *Industrial Security Activities*
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Exhibit R-4A, **RDT&E Schedule Details:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 **/** 7	**R-1 Program Element (Number/Name)** PE 0305133V **/** *Industrial Security Activities*	**Project (Number/Name)** 0000 **/** *Industrial Security Activities*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
CTPIC				
ARLIS	2	2023	4	2024

PE 0305133V: *Industrial Security Activities*
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Exhibit R-2, **RDT&E Budget Item Justification:** PB 2023 Defense Counterintelligence and Security Agency										**Date:** April 2022	

Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*					**R-1 Program Element (Number/Name)** PE 0305146V *I Defense Joint Counterintelligence Activities*						

COST ($ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	0.000	4.000	3.820	4.622	0.000	4.622	2.295	1.535	0.000	0.000	Continuing	Continuing
000: *Adaptive Data Exchange (ADX)*	0.000	4.000	3.820	4.622	0.000	4.622	2.295	1.535	0.000	0.000	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Defense Counterintelligence Security Agency (DCSA) is a strategic asset to the nation and our allies - continuously ensuring a trusted federal, industrial, and affiliated workforce, and enabling industry's delivery of uncompromised capabilities by leveraging advanced technologies and innovation. DCSA uniquely blends critical technology protection, trusted personnel vetting, counterintelligence, and professional education and certification to advance and preserve America's strategic edge.

B. Program Change Summary ($ in Millions)

	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	4.000	3.820	4.622	-	4.622
Total Adjustments	4.000	3.820	4.622	-	4.622
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Element Realignment	-	3.820	-	-	-
• Adjustment to the Budget	4.000	-	4.622	-	4.622

Change Summary Explanation

FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding.

The Adaptive Data Exchange (ADX) is an Advanced Persistent Threat (APT) focused cyber threat intelligence sensor platform applying advanced, threat adaptive analysis techniques for early alerting and engagement of the cyber adversary across the entire kill chain.

PE 0305146V: *Defense Joint Counterintelligence Activi...*
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Exhibit R-2A, RDT&E Project Justification: PB 2023 Defense Counterintelligence and Security Agency										Date: April 2022	

Appropriation/Budget Activity 0400 I 7				R-1 Program Element (Number/Name) PE 0305146V I Defense Joint Counterintelligence Activities						Project (Number/Name) 000 I Adaptive Data Exchange (ADX)	

COST ($ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
000: *Adaptive Data Exchange (ADX)*	0.000	4.000	3.820	4.622	0.000	4.622	2.295	1.535	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Defense Counterintelligence Security Agency (DCSA) administers ADX funding. Funds are provided to FBI NCIJTF for continuing development and integration of advanced, data adaptive analytic techniques that provide near real time, high confidence detection across network perimeter, internal and distributed cyber threat activities.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2021	FY 2022	FY 2023
Title: Adaptive Data Exchange (ADX)	4.000	3.820	4.622
Description: ADX generated multiple technical Intelligence Information Reports (IIR) and other information pertaining to Advanced Persistent Threat (APT) disseminated to the US Intelligence Community. *FY 2022 Plans:* Enable expanded teaming and integration with additional government and industry stakeholders to integrate applications and data; Scale up and out platform architecture, deployments and analysis. *FY 2023 Plans:* Continuous development of capabilities, deployment, operations and maintenance of ADX devices and access points in accordance with DoD critical technology protection priorities. *FY 2022 to FY 2023 Increase/Decrease Statement:* The increase from FY2022 to FY2023 sustains continued development of ADX devices and applications			
Accomplishments/Planned Programs Subtotals	4.000	3.820	4.622

C. Other Program Funding Summary ($ in Millions)

 N/A

Remarks

D. Acquisition Strategy

 FY 2021-2022, O&M/R&D Services, 99%; hardware/software/data, 1%
 FY2022-2023, O&M/R&D Services, 96.5%; hardware/software/data, 3.5%

PE 0305146V: *Defense Joint Counterintelligence Activi...*
Defense Counterintelligence and Security Agency

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Exhibit R-2A, **RDT&E Project Justification:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0305146V *I Defense Joint Counterintelligence Activities*	**Project (Number/Name)** 000 *I Adaptive Data Exchange (ADX)*

FY2023-2024, O&M/R&D Services, 98%; hardware/software/data, 2%

PE 0305146V: *Defense Joint Counterintelligence Activi...*
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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Defense Counterintelligence and Security Agency														Date: April 2022		
Appropriation/Budget Activity 0400 I 7								**R-1 Program Element (Number/Name)** PE 0305146V I *Defense Joint Counterintelligence Activities*						**Project (Number/Name)** 000 I *Adaptive Data Exchange (ADX)*		

Product Development ($ in Millions)				**FY 2021**		**FY 2022**		**FY 2023 Base**		**FY 2023 OCO**		**FY 2023 Total**				
Cost Category Item	**Contract Method & Type**	**Performing Activity & Location**	**Prior Years**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
Adaptive Data Exchange (ADX)	MIPR	TBD : TBD	-	4.000		3.820	Apr 2022	4.622		-		4.622	Continuing	Continuing	4.622
		Subtotal	-	4.000		3.820		4.622		-		4.622	Continuing	Continuing	N/A

			Prior Years	**FY 2021**		**FY 2022**		**FY 2023 Base**		**FY 2023 OCO**		**FY 2023 Total**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
		Project Cost Totals	-	4.000		3.820		4.622		-		4.622	Continuing	Continuing	N/A

Remarks

PE 0305146V: *Defense Joint Counterintelligence Activi...*
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Exhibit R-4, **RDT&E Schedule Profile:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0305146V *I Defense Joint Counterintelligence Activities*	**Project (Number/Name)** 000 *I Adaptive Data Exchange (ADX)*

	FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Adaptive Data Exchange (ADX)																												
Adaptive Data Exchange (ADX)							██	██	██	██	██	██																

PE 0305146V: *Defense Joint Counterintelligence Activi...*
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Exhibit R-4A, **RDT&E Schedule Details:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0305146V *I Defense Joint Counterintelligence Activities*	**Project (Number/Name)** 000 *I Adaptive Data Exchange (ADX)*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Adaptive Data Exchange (ADX)				
Adaptive Data Exchange (ADX)	3	2022	4	2024

Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Defense Counterintelligence and Security Agency										Date: April 2022	

Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*						**R-1 Program Element (Number/Name)** PE 0305327V *I Insider Threat*					

COST ($ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	31.420	3.000	3.000	9.403	0.000	9.403	2.971	2.922	2.825	3.110	Continuing	Continuing
002: *Insider Threat*	31.420	3.000	3.000	9.403	0.000	9.403	2.971	2.922	2.825	3.110	Continuing	Continuing

A. Mission Description and Budget Item Justification

The two programs which fall under Insider Threat are DoD Insider Threat Management and Analysis Center (DITMAC) and National Center for Credibility Assessment (NCCA)

DITMAC: Provides an integrated capability to collect and analyze information for insider threat detection and mitigation. The system gathers, integrates, reviews, assesses, and responds to information derived from DoD Insider Threat hubs, Counterintelligence (CI), security, cybersecurity, civilian and military personnel management, workplace violence, anti-terrorism risk management, law enforcement, user activity monitoring on DoD information networks, and other sources as necessary and appropriate to support the identification, mitigation, and countering of insider threats to address current and emerging threats to DoD personnel, assets and information.

The DITMAC System of Systems (DSoS) requires additional capabilities to support installation-level reporting in support of the Counter Extremist Activity Working Group (CEAWG) requirements in implementing the Prevention, Assistance, and Response (PAR) program. It also requires adaptation to allow for automated data ingest which will directly support analytic efforts to focus on areas of increased risk, such as potential violent extremist. To meet these goals, additional RDTE funding requested here is essential to develop capabilities to meet emerging operational requirements.

DCSA will acquire, develop, and deploy digital automation and continuous vetting capabilities (i.e. data integration, link analysis, anomaly detection, artificial intelligence, business processing, advanced analytics) to comply with NDAA sections 845 & 847 to enhance technology capabilities to expand efforts to identify, mitigate and evaluate supply chain risks, including Foreign Ownership Control or Influence (FOCI) across the classified and unclassified defense industrial base.

NCCA: Conducts credibility assessment training and education, research and development, technical support, and oversight activities for federal polygraph and credibility assessment mission partners. This program is to clinically and scientifically evaluate ocular-motor deception detection capabilities and determine their performance parameters, including how accurately they are able to classify deceptive and non-deceptive individuals. This program is to clinically and scientifically evaluate ocular-motor deception detection capabilities and determine their performance parameters, including how accurately they are able to classify deceptive and non-deceptive individuals. These funds will support the NCCA efforts to collect EyeDetect data from one or more field locations.

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Exhibit R-2, **RDT&E Budget Item Justification:** PB 2023 Defense Counterintelligence and Security Agency				**Date:** April 2022	
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*			**R-1 Program Element (Number/Name)** PE 0305327V *I Insider Threat*		

B. Program Change Summary ($ in Millions)	**FY 2021**	**FY 2022**	**FY 2023 Base**	**FY 2023 OCO**	**FY 2023 Total**
Previous President's Budget	3.000	0.000	0.000	-	0.000
Current President's Budget	3.000	3.000	9.403	-	9.403
Total Adjustments	0.000	3.000	9.403	-	9.403
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	3.000			
• Congressional Directed Transfers	0.000	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustment to budget	-	-	9.403	-	9.403

Congressional Add Details ($ in Millions, and Includes General Reductions)	**FY 2021**	**FY 2022**
Project: 002: *Insider Threat*		
Congressional Add: *Ocular-motor deception detection (ODT) capabilities*	-	3.000
Congressional Add Subtotals for Project: 002	-	3.000
Congressional Add Totals for all Projects	-	3.000

Change Summary Explanation

FY2023 funding increase reflects the fact that the FY2022 President's Budget did not include out-year funding.

FY2022 Congressional +$3 million increase to DCSA Insider Threat Program Element supporting NCCA Ocular-motor deception detection (ODT) capabilities

IN FY 2023 The DITMAC System of Systems (DSoS) requires additional capabilities to support installation-level reporting in support of the Counter Extremist Activity Working Group (CEAWG) requirements in implementing the Prevention, Assistance, and Response (PAR) program.

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Exhibit R-2A, **RDT&E Project Justification:** PB 2023 Defense Counterintelligence and Security Agency										**Date:** April 2022	
Appropriation/Budget Activity 0400 *I* 7				**R-1 Program Element (Number/Name)** PE 0305327V *I Insider Threat*				**Project (Number/Name)** 002 *I Insider Threat*			
COST ($ in Millions)	**Prior Years**	**FY 2021**	**FY 2022**	**FY 2023 Base**	**FY 2023 OCO**	**FY 2023 Total**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	**Cost To Complete**	**Total Cost**
002: *Insider Threat*	31.420	3.000	3.000	9.403	0.000	9.403	2.971	2.922	2.825	3.110	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Provides an integrated capability to collect and analyze information for insider threat detection and mitigation. The system gathers, integrates, reviews, assesses, and responds to information derived from DoD Insider Threat hubs, Counterintelligence (CI), security, cybersecurity, civilian and military personnel management, workplace violence, anti-terrorism risk management, law enforcement, user activity monitoring on DoD information networks, and other sources as necessary and appropriate to support the identification, mitigation, and countering of insider threats to address current and emerging threats to DoD personnel, assets and information.

The DITMAC System of Systems (DSoS) requires additional capabilities to support installation-level reporting in support of the Counter Extremist Activity Working Group (CEAWG) requirements in implementing the Prevention, Assistance, and Response (PAR) program. It also requires adaptation to allow for automated data ingest which will directly support analytic efforts to focus on areas of increased risk, such as potential violent extremist. To meet these goals, additional RDTE funding requested here is essential to develop capabilities to meet emerging operational requirements.

DCSA will acquire, develop, and deploy digital automation and continuous vetting capabilities (i.e. data integration, link analysis, anomaly detection, artificial intelligence, business processing, advanced analytics) to comply with NDAA sections 845 & 847 to enhance technology capabilities to expand efforts to identify, mitigate and evaluate supply chain risks, including Foreign Ownership Control or Influence (FOCI) across the classified and unclassified defense industrial base.

NCCA: Conducts credibility assessment training and education, research and development, technical support, and oversight activities for federal polygraph and credibility assessment mission partners. This program is to clinically and scientifically evaluate ocular-motor deception detection capabilities and determine their performance parameters, including how accurately they are able to classify deceptive and non-deceptive individuals. These funds will support the NCCA efforts to collect EyeDetect data from one or more field locations.

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2021**	**FY 2022**	**FY 2023**
Title: DITMAC System of System (DSoS)	3.000	-	9.403
Description: Continued support for the Insider Threat mission via the collection, processing and storage of case information in support of the Insider Threat mission. Serves as a secure automated mechanism for the transmission of information between DoD Components and the DITMAC. *FY 2023 Plans:* Support installation-level reporting in support of the Counter Extremist Activity Working Group (CEAWG) requirements in implementing the Prevention, Assistance, and Response (PAR) program.			

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Exhibit R-2A, **RDT&E Project Justification:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0305327V / *Insider Threat*	**Project (Number/Name)** 002 / *Insider Threat*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2021**	**FY 2022**	**FY 2023**
Requires adaptation to allow for automated data ingest which will directly support analytic efforts to focus on areas of increased risk, such as potential violent extremist. *FY 2022 to FY 2023 Increase/Decrease Statement:* FY2023 increase is essential to develop capabilities to meet emerging operational requirements.			
Accomplishments/Planned Programs Subtotals	3.000	-	9.403

	FY 2021	**FY 2022**
Congressional Add: Ocular-motor deception detection (ODT) capabilities	-	3.000
FY 2022 Plans: To continue efforts to collect field data for the purpose of having non-clinical data to evaluate along-side of pristine clinical data collected.		
Congressional Adds Subtotals	-	3.000

C. Other Program Funding Summary ($ in Millions)

 N/A

Remarks

D. Acquisition Strategy

 N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Defense Counterintelligence and Security Agency														**Date:** April 2022	

Appropriation/Budget Activity 0400 **/** 7	**R-1 Program Element (Number/Name)** PE 0305327V **/** *Insider Threat*	**Project (Number/Name)** 002 **/** *Insider Threat*

Product Development ($ in Millions)				**FY 2021**		**FY 2022**		**FY 2023 Base**		**FY 2023 OCO**		**FY 2023 Total**			
Cost Category Item	**Contract Method & Type**	**Performing Activity & Location**	**Prior Years**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
DITMAC System Of Systems	C/TBD	TBD : TBD	31.420	-		-		9.403		-		9.403	-	-	-
National Center for Credibility Assessment	MIPR	DoE : TBD	-	3.000	Aug 2021	-		-		-		-	Continuing	Continuing	-
Ocular-motor deception Testing (ODT) capability	TBD	TBD : TBD	-	-		3.000		-		-		-	-	-	-
		Subtotal	31.420	3.000		3.000		9.403		-		9.403	Continuing	Continuing	N/A

		Prior Years	**FY 2021**		**FY 2022**		**FY 2023 Base**		**FY 2023 OCO**		**FY 2023 Total**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
	Project Cost Totals	31.420	3.000		3.000		9.403		-		9.403	Continuing	Continuing	N/A

Remarks

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Exhibit R-4, **RDT&E Schedule Profile:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 **/** 7	**R-1 Program Element (Number/Name)** PE 0305327V **/** *Insider Threat*	**Project (Number/Name)** 002 **/** *Insider Threat*

	FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
DITMAC System Of Systems																												
Production Development											███	███	███															
National Center for Credibility Assessment																												
Production Development										███	███	███	███															
Ocular-motor deception Testing (ODT) capability																												
Production Development									███	███	███																	

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Exhibit R-4A, **RDT&E Schedule Details:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0305327V / *Insider Threat*	**Project (Number/Name)** 002 / *Insider Threat*

Schedule Details

Events by Sub Project	Start		End	
	Quarter	**Year**	**Quarter**	**Year**
DITMAC System Of Systems				
Production Development	4	2023	4	2024
National Center for Credibility Assessment				
Production Development	2	2023	4	2024
Ocular-motor deception Testing (ODT) capability				
Production Development	4	2022	4	2023

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Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Defense Counterintelligence and Security Agency											Date: April 2022	

Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 8: *Software and Digital Technology Pilot Programs*						R-1 Program Element (Number/Name) PE 0608197V *I National Background Investigation Services - Software Pilot Program*						

COST ($ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	0.000	105.673	123.570	132.524	0.000	132.524	0.000	0.000	0.000	0.000	Continuing	Continuing
000: *National Background Investigation Services - Software Pilot Program*	0.000	105.673	123.570	132.524	0.000	132.524	0.000	0.000	0.000	0.000	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Defense Counterintelligence and Security Agency (DCSA) acquires, develops, and deploys software to support the development of a modernized Federal Government background investigations information technology (IT) system(s) to replace the current OPM legacy IT systems and provide a highly secured infrastructure. DoD assumed modernization efforts beginning in FY 2017, as decided by the Interagency Deputies Committee and the Office of Management and Budget (OMB). Funds support the development, sustainment, technical refresh of hardware and software, Cloud migration, and program management costs to develop and field a modernized Federal Investigation System. This modernized data architecture will leverage and extend the existing secure Information Technology capabilities inherent to DoD infrastructure to the federal wide background investigation processes and data archives. This approach will provide essential security information, protect the identities, lives, and livelihoods of the BI applicants and the family members and associates identified as part of BI records. The aim is to avert or eliminate the continuous and dynamic threat of identity theft, financial espionage and other attacks on this personal information, while providing a secure basis for background investigations necessary to Federal and DoD operations. Using proven data architecture and prioritizing security, DCSA will leverage critical and inherent information technology (IT) security capabilities; identify means and methods to efficiently and securely access digital services; enhance systems necessary to operate the background investigation processes and associated vast reservoirs of data and interfaces; provide Government wide tools to assist agencies with workforce management; and, develop and provide investigative products that comply with the new, Federal Investigations Standards and Workforce 2.0. Resources will be used to implement and sustain agency network upgrades and security software maintenance to ensure a stronger, more reliable, and better protected network architecture for conducting background investigations. Costs include program management activities, payroll for security specialists, engineers, data architects, and business process management activities to develop, test, and deploy the new capability. As capabilities are fielded NBIS and DCSA will provide system maintenance, security licenses and operational support to the system and users worldwide.

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Exhibit R-2, **RDT&E Budget Item Justification:** PB 2023 Defense Counterintelligence and Security Agency			**Date:** April 2022	
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 8: *Software and Digital Technology Pilot Programs*		**R-1 Program Element (Number/Name)** PE 0608197V *I National Background Investigation Services - Software Pilot Program*		

B. Program Change Summary ($ in Millions)	**FY 2021**	**FY 2022**	**FY 2023 Base**	**FY 2023 OCO**	**FY 2023 Total**
Previous President's Budget	105.673	123.570	0.000	-	0.000
Current President's Budget	105.673	123.570	132.524	-	132.524
Total Adjustments	0.000	0.000	132.524	-	132.524
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Year	-	-	132.524	-	132.524

Change Summary Explanation

FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding

The FY 2023 increase will continue the agile development on the secure end to end modernized architecture for USG Personnel Vetting Enterprise. The increase provides investigative, adjudicative and continuous vetting capabilities consistent with emerging Trusted Workforce 2.0 requirements supporting an initial operating capability. Funding supports the integration of Defense Information System for Security (DISS) functionality into the NBIS. The funding increase includes the Continuous Evaluation/Continuous Vetting (CE/CV) on the high-side that automates the processing of alerts that come in on the two classified fabrics. In addition, funding will support the transition to NBIS supporting the DoD case management requirements and provides support to start the decommissioning of high-cost legacy services.

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Defense Counterintelligence and Security Agency											Date: April 2022	
Appropriation/Budget Activity 0400 *I* 8				**R-1 Program Element (Number/Name)** PE 0608197V *I National Background Invest igation Services - Software Pilot Program*				**Project (Number/Name)** 000 *I National Background Investigation Services - Software Pilot Program*				

COST ($ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
000: *National Background Investigation Services - Software Pilot Program*	0.000	105.673	123.570	132.524	0.000	132.524	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This program is in Budget Activity 8, Software and Digital Technology Pilot Program because this budget activity includes funding provided for expenses necessary for agile development, test and evaluation, production and modification, and the operation and maintenance of these programs.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2021	FY 2022	FY 2023
Title: NBIS - Development	105.673	65.803	78.316

Description: NBIS development will be used in support of government-wide background investigation process; replacing the OPM's legacy systems that were breached in 2015. The system establishes and streamlines the requirements intake (software factory model), implements the DevSecOps pipeline, standardizes test processes, automates unit component, and integrates testing, implements cyber processes to achieve continuous Authority To Operate (cATO), consolidates help desk activities, and enhances monitoring capabilities.

FY 2022 Plans:
- Support investigations and adjudications.
- Develop performance to optimize workflows, customer required enhancements, refine existing analytics, develop additional analytics in
meeting customer requirements.
- Develop safely, securely completed transfer investigation and adjudication data from legacy systems into secure NBIS data repositories.
- Continue transferring Fingerprint operations from legacy services and data repositories onto the Gov Cloud environment.
- Place NBIS services on the main DoD networks while also supporting the Federal workforce.

FY 2023 Plans:
- Continue the Agile development on the secure end-to-end modernized architecture for USG.
- The NBIS investigative, adjudicative and continuous vetting services will ensure the customer requirements required to support Trusted
Workforce 2.0 requirements will support an initial operating capability.
- Support the integration of DISS functionality into the decommissioning of DISS.

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 *I* 8	**R-1 Program Element (Number/Name)** PE 0608197V *I National Background Invest igation Services - Software Pilot Program*	**Project (Number/Name)** 000 *I National Background Investigation Services - Software Pilot Program*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2021**	**FY 2022**	**FY 2023**
- NBIS development of DoD and Federal case management requirements will support the start of the decommissioning process for the existing high-cost legacy services. ***FY 2022 to FY 2023 Increase/Decrease Statement:*** The increase is attributed to the funding to support finishing the Atlas development on the High-side networks. To complete the accelerated development and deployment of automated data feeds supporting expanded operations of the DoD Continuous Evaluation/Continuous Validation mission in support of Trusted Workforce. Increase: Funding realignment from PE 0303430V			
Title: NBIS - Sustainment ***Description:*** NBIS sustainment will support the continued operations of legacy Systems while standing up mission operations and hosting infrastructure for the replacement NBIS system. ***FY 2022 Plans:*** Continue to support DMDC capabilities running in the DISA Data Centers used by the NBIS and legacy services along with the COOP function. - Continue to fund programmatic and operations and support contracts to provide Program Control, Financial and Budget support as well as the Operations functions to support the Cloud environment and transition of existing and new services into the GovCloud platform. - Support funding travel, non-centralized training, credit card, supplies, new laptops, Joint Enterprise Licensing Agreement (JELA) costs, and common licensing costs in support of running a Program Office. ***FY 2023 Plans:*** -Continue to support legacy capabilities that are running in the DISA Data Centers until they are integrated into NBIS and decommissioned or they are moved into the Gov Cloud environment. - Continue to fund programmatic and operations and support contracts to provide Program Control, Financial and Budget support as well as the operations functions to support the Cloud environment and transition of existing and new services into the GovCloud platform. NBIS will fund travel, non-centralized training, credit card, supplies, new laptops, Joint Enterprise Licensing Agreement (JELA) costs, and common licensing	0.000	57.767	54.208

Exhibit R-2A, **RDT&E Project Justification:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 *I* 8	**R-1 Program Element (Number/Name)** PE 0608197V *I National Background Invest igation Services - Software Pilot Program*	**Project (Number/Name)** 000 *I National Background Investigation Services - Software Pilot Program*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2021**	**FY 2022**	**FY 2023**
costs in support of running a PEO and Program Office. *FY 2022 to FY 2023 Increase/Decrease Statement:* Increase: Funding realignment from PE 0303430V			
Accomplishments/Planned Programs Subtotals	105.673	123.570	132.524

C. Other Program Funding Summary ($ in Millions)
 N/A
Remarks

D. Acquisition Strategy
 N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Defense Counterintelligence and Security Agency		Date: April 2022
Appropriation/Budget Activity 0400 *I* 8	**R-1 Program Element (Number/Name)** PE 0608197V *I National Background Investigation Services - Software Pilot Program*	**Project (Number/Name)** 000 *I National Background Investigation Services - Software Pilot Program*

Product Development ($ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total			Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Key Capability Development	TBD	TBD : TBD	-	60.596		59.037		60.928	May 2023	-		60.928	Continuing	Continuing	-
Testing & Cyber Assessment	MIPR	DISA : JITC	-	5.873		5.887		6.259	Oct 2022	-		6.259	Continuing	Continuing	-
Infrastructure	MIPR	TBD : TBD	-	21.563		30.592		20.523	Oct 2022	-		20.523	Continuing	Continuing	-
Mission Support	TBD	TBD : TBD	-	9.082		17.669		24.213	Jan 2022	-		24.213	Continuing	Continuing	-
Program Management Support	TBD	TBD : TBD	-	8.559		10.385		12.465	Aug 2023	-		12.465	Continuing	Continuing	-
CE Data Feeds	TBD	TBD : TBD	-	-		-		8.136	Oct 2022	-		8.136	Continuing	Continuing	-
Subtotal			-	105.673		123.570		132.524		-		132.524	Continuing	Continuing	N/A

Remarks

The Defense Counterintelligence and Security Agency (DCSA) acquires, develops, and deploys software to support the agile development of a modernized Federal Government background investigations information technology (IT) system(s) to replace the legacy OPM background investigative legacy IT systems, and provide a highly secured infrastructure. DoD assumed modernization efforts beginning in FY 2017, as decided by the Interagency Deputies Committee and the Office of Management and Budget (OMB). These Funds support the DevSecOps development, sustainment, technical refresh of hardware and software, Cloud migration, and program management costs to develop and field a modernized digital Federal Investigation System (FIS). This modernized data architecture leverages and extends the existing secure cloud based Information Technology capabilities inherent to DoD infrastructure for the FIS enterprise service to the other Federal Agencies for their federal wide background investigation processes and data archive purposes. This approach will securely provide essential security information and protect the identities, lives, and livelihoods of the BI applicants, their family members, and associates who are identified as part of BI records. The aim is to avert the continuous and dynamic threat of identity theft, financial espionage and other attacks on personal information, while providing a secure basis for background investigations necessary to Federal and DoD operations.

	Prior Years	FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	105.673		123.570		132.524		-		132.524	Continuing	Continuing	N/A

Remarks

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Exhibit R-4, **RDT&E Schedule Profile:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 *I* 8	**R-1 Program Element (Number/Name)** PE 0608197V *I National Background Invest igation Services - Software Pilot Program*	**Project (Number/Name)** 000 *I National Background Investigation Services - Software Pilot Program*

	FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Key Capability Development																												
Key Capability Development									█	█	█	█	█	█	█	█												
Testing & Cyber Assessment																												
Testing & Cyber Assessment									█	█	█	█	█	█	█	█												
Infrastructure																												
Infrastructure									█	█	█	█	█	█	█	█												
Mission Support																												
Mission Support									█	█	█	█	█	█	█	█												
Program Management Support																												
Program Management Support												█	█	█	█	█												
Program Support																												
Program Management Support												█	█	█	█	█												
Capability Development																												
Key Capability Development									█	█	█	█	█	█	█													
Cyber Assessment & testing																												
Cyber Assessment & testing									█	█	█	█	█	█	█													
Infrastructure support																												
Infrastructure support									█	█	█	█	█	█	█													
Support Mission																												
Support Mission									█	█	█	█	█	█	█	█												

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Exhibit R-4A, **RDT&E Schedule Details:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 *I* 8	**R-1 Program Element (Number/Name)** PE 0608197V *I National Background Investigation Services - Software Pilot Program*	**Project (Number/Name)** 000 *I National Background Investigation Services - Software Pilot Program*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Key Capability Development				
Key Capability Development	2	2023	4	2024
Testing & Cyber Assessment				
Testing & Cyber Assessment	1	2023	4	2024
Infrastructure				
Infrastructure	1	2023	4	2024
Mission Support				
Mission Support	2	2023	4	2024
Program Management Support				
Program Management Support	4	2023	4	2024
Program Support				
Program Management Support	4	2023	4	2024
Capability Development				
Key Capability Development	2	2023	3	2024
Cyber Assessment & testing				
Cyber Assessment & testing	1	2023	3	2024
Infrastructure support				
Infrastructure support	1	2023	3	2024
Support Mission				
Support Mission	2	2023	4	2024

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| **Exhibit R-2**, **RDT&E Budget Item Justification:** PB 2023 Defense Counterintelligence and Security Agency | | | | | | | | | | **Date:** April 2022 | |

| **Appropriation/Budget Activity** 0400: *Research, Development, Test & Evaluation, Defense-Wide I BA 8: Software and Digital Technology Pilot Programs* | **R-1 Program Element (Number/Name)** PE 0308609V *I Software and Digital Technology Pilot Program* |

COST ($ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	-	0.000	0.000	14.749	-	14.749	58.508	56.063	49.823	58.844	Continuing	Continuing
0000: *National Industrial Security System*	-	0.000	0.000	14.749	-	14.749	58.508	56.063	49.823	58.844	Continuing	Continuing

A. Mission Description and Budget Item Justification

Program management office with programmatic oversight of all industrial security current capabilities to include the system of record for facilities clearance information and industrial security oversight, the official system that allows DCSA to improve assessment and mitigation of risks related to contractors under Foreign Ownership, Control, or Influence (FOCI), and the newly developed system repository for DD-254 forms. PM National Industrial Security System (NISS) will manage all industrial security emerging capabilities to include technical modernization onto a Common Operating System (COS) Cloud Environment and the integration of operational and other data sources to include government, public, and paid.

B. Program Change Summary ($ in Millions)

	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	14.749	-	14.749
Total Adjustments	0.000	0.000	14.749	-	14.749
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustment to budget	-	-	14.749	-	14.749

Change Summary Explanation

Beginning in FY2023 funding realigned ($9.8M) from BA07, Operational System Development, PE 0604130V and ($4.9M) from DW, Operation and Maintenance to continue the development and sustainment efforts of the NISS under BA08, Software and Digital Technology Pilot Program.

| Exhibit R-2A, RDT&E Project Justification: PB 2023 Defense Counterintelligence and Security Agency | | | | | | | | | | | **Date:** April 2022 |

| Appropriation/Budget Activity
0400 / 8 | R-1 Program Element (Number/Name)
PE 0308609V / *Software and Digital Techn*
ology Pilot Program | Project (Number/Name)
0000 / *National Industrial Security System* |

COST ($ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
0000: *National Industrial Security System*	-	0.000	0.000	14.749	-	14.749	58.508	56.063	49.823	58.844	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This program is in Budget Activity 8, Software and Digital Technology Pilot Program. This budget activity includes funding provided for expenses necessary for agile development, test and evaluation, production and modification, and the operation and maintenance of these programs.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2021	FY 2022	FY 2023
Title: National Industrial Security System Software Pilot Program (NISS) – Sustainment *Description:* Plan and execute sustainment strategies for the National Industrial Security System (NISS) for Facility Clearances (FCL), National Industrial Security Program (NISP) Contract Classification System (NCCS 2.0) and the 847 Application in support of Public Law 116-92, Sect. 847. Ensure the continuous Authority to Operate (ATO) for NISS FCL and continued delivery of secure, automated, end-to-end IT architecture for the DCSA Critical Technology Protection (CTP) Directorate to enable continuity of operation for entity vetting, risk identification and mitigation for cleared industry. *FY 2023 Plans:* - Provide continuous monitoring for Risk Management Framework (RMF) - Continue supporting software engineering capacity for the required transition from the legacy NISS FCL to the common operating environment in NISS Increment II. - Provide help desk support, bug fixes, enhancements, and upkeep of the NISS for FCL system in the on-premises environment, as well as the 847 Application and NCCS 2.0 hosted in a gov-cloud environment. *FY 2022 to FY 2023 Increase/Decrease Statement:* The increase from FY2022 is due to the implementation of the Software and Digital Technology Pilot Program. RDTE PE 0604130V, O&M PE 0303430V	0.000	-	4.949
Title: NISS – Development *Description:* Provide development activities for NISS, NCCS 2.0, and 847 Application to include multiple data source integrations and enhanced workflow for risk assessment and analytic capabilities. Support the continuous delivery of secure, automated, IT	0.000	-	9.800

Exhibit R-2A, RDT&E Project Justification: PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 / 8	**R-1 Program Element (Number/Name)** PE 0308609V / *Software and Digital Technology Pilot Program*	**Project (Number/Name)** 0000 / *National Industrial Security System*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2021**	**FY 2022**	**FY 2023**
capabilities for the DCSA Critical Technology Protection (CTP) Directorate to enable entity vetting, risk identification and mitigation for cleared industry. ***FY 2023 Plans:*** Develop modifications to NISS for FCL, NCCS 2.0, and 847 Applications for integration into the Common Operating System (COS) ensuring requirements under current threat vector within CTP Mission are met. Design, develop and implement additional capability development and release for the 847 Application and the NCCS 2.0. Planning and designing the NISS for FCL system transition to the cloud and new workflow platform. ***FY 2022 to FY 2023 Increase/Decrease Statement:*** The increase from FY2022 is due to the implementation of the Software and Digital Technology Pilot Program. RDTE PE 0604130V, O&M PE 0303430V			
Accomplishments/Planned Programs Subtotals	0.000	-	14.749

C. Other Program Funding Summary ($ in Millions)
 N/A
Remarks

D. Acquisition Strategy
 N/A

PE 0308609V: *Software and Digital Technology Pilot Pr...*
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Exhibit R-3, **RDT&E Project Cost Analysis:** PB 2023 Defense Counterintelligence and Security Agency												**Date:** April 2022	

Appropriation/Budget Activity 0400 **/** 8	**R-1 Program Element (Number/Name)** PE 0308609V **/** *Software and Digital Technology Pilot Program*	**Project (Number/Name)** 0000 **/** *National Industrial Security System*

Product Development ($ in Millions)				**FY 2021**		**FY 2022**		**FY 2023 Base**		**FY 2023 OCO**		**FY 2023 Total**			
Cost Category Item	**Contract Method & Type**	**Performing Activity & Location**	**Prior Years**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
NISS - Statainment	TBD	TBD : TBD	-	-		-		4.949		-		4.949	Continuing	Continuing	-
NISS – Development	TBD	TBD : TBD	-	-		-		9.800		-		9.800	Continuing	Continuing	-
Subtotal			-	-		-		14.749		-		14.749	Continuing	Continuing	N/A

	Prior Years	**FY 2021**	**FY 2022**	**FY 2023 Base**	**FY 2023 OCO**	**FY 2023 Total**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
Project Cost Totals	-	-	-	14.749	-	14.749	Continuing	Continuing	N/A

Remarks

PE 0308609V: *Software and Digital Technology Pilot Pr...*
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Exhibit R-4, RDT&E Schedule Profile: PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 *I* 8	**R-1 Program Element (Number/Name)** PE 0308609V *I Software and Digital Technology Pilot Program*	**Project (Number/Name)** 0000 *I National Industrial Security System*

	FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
National Industrial Security System																												
NISS									███	███	███	███																

PE 0308609V: *Software and Digital Technology Pilot Pr...*
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Exhibit R-4A, **RDT&E Schedule Details:** PB 2023 Defense Counterintelligence and Security Agency		**Date:** April 2022
Appropriation/Budget Activity 0400 *I* 8	**R-1 Program Element (Number/Name)** PE 0308609V *I Software and Digital Technology Pilot Program*	**Project (Number/Name)** 0000 *I National Industrial Security System*

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Schedule Details

</div>

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
National Industrial Security System				
NISS	2	2023	4	2024